

November 6, 2009

Ms. Michele Pisterzi
AT & T
2427 Union Street
Blue Island, IL 60406

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 978788441
Permit Address: 184-185 North Harbor Drive
AECOM Project No. 00550-352-0310

EPA Region 5 Records Ctr.



345110

Dear Ms. Pisterzi:

Pursuant to conditions specified in a permit (see attached) issued by the City of Chicago, radiation monitoring was required to be performed at the above referenced site. AECOM provided the required radiation surveillance from October 30-31, 2009 for the excavation of one pit and a trench to repair conduit along 184 to 185 Lower North Harbor Drive.

The excavation of the trench began at the western end of the roadway and measured approximately 51 feet in length with a depth of approximately 40 inches (see attached sketch). The excavation of the pit was at the eastern end of the roadway resulting in approximately 10 feet by 6 feet to a depth of 40 inches as well.


Surveying was performed for the asphalt and soil removed for the excavation at the western end of the roadway, reaching to the eastern end. The monitoring revealed no indication of soils above the specified clean-up threshold established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA threshold for Chicago is 7.1 picocuries per gram (pCi/g total radium (Ra-226 + Ra-228). Gamma radiation count measurements for the project were made using two Ludlum Model 2221 survey meters and unshielded 2 x 2 NaI probes (Model 44-10). For the instrumentation used, the gamma count indicative of the 7.1 pCi/g threshold were 17,805 and 19,482 counts per minute (cpm). The values within the excavation measured from about 5,500 cpm to about 11,600 cpm. Thus, there was no indication of an exceedance of the USEPA threshold.

Finally, as part of the permit conditions, this letter has been forwarded to:

Chicago Department of Environment
Attention: Ms. Rahmat Begum
30 North LaSalle Street, 25th Floor
Chicago, Illinois 60602

Please contact us with any questions you have regarding this letter or the reported results.

Regards,

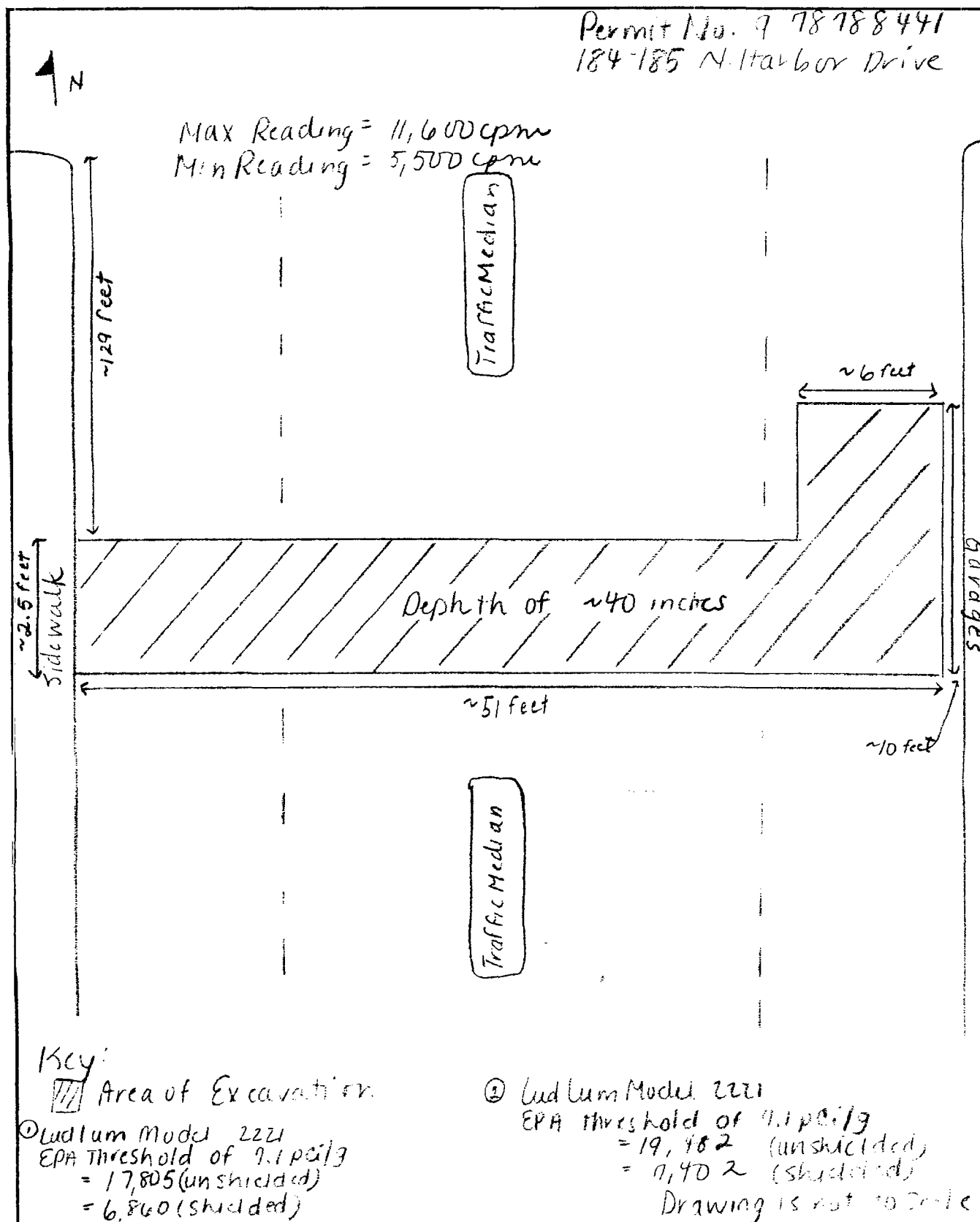

Jaclyn C. Webb
Assistant Project Engineer


Steven C. Kornder, P.E.
Senior Project Geoscientist

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cc: Rahmat Begum, Chicago Department of Environment
Verneta Simon, USEPA

Attachments: Permit
Sketch

JOB TITLE Radiological SurveyingJOB NO. 00550-352CALCULATION NO. —ORIGINATOR Jaclyn WebbDATE 11/5/2009SHEET 1OF 1REVIEWER Steve KoenderDATE 11/5/2009Permit No. 9 78788441
184-185 N. Harbor Drive

Permit # 978788441

Received Date: Oct 14, 2009 10:45:34

SBC ILLINOIS
225 W RANDOLPH ST
FLOOR 11
CHICAGO, IL 60606
MICHELE 708-824-2817



City of Chicago
Department of Transportation
(312) 744-4652

*Western Utility
7382567*

ACTIVITY HOURS

Start no earlier than 7 PM. Stop no later than 6 AM. - Street Opening (Curb Lane & Traffic Lane)

DATES

Oct 14, 2009 through Nov 14, 2009

ACTIVITIES

Street Opening (Curb Lane & Traffic Lane):

Dig #: TBD

There will be 1 opening(s) in the public way for the purpose: PLACE PVC.

4 Feet x 4 Feet

Excavation may commence on - NO SOONER.

184 - 185 N HARBOR DR

DIG 1-4X4 PIT IN N.B C/T LANE. O NN. HARBOR. TRENCH APPROX. 55' WEST ACROSS N. HARBOR TO 1 HANDHOLE IN C/T LANE...

TO PLACE PVC. ALSO C/T LANE ACCESS @ 188 N. HARBOR TO ROD & ROPE

RESTORE CONCRETE TO GRAD CONTRACTOR LAKE SHORE EAST LLC TO COMPLETE FINAL RESTORATION. CONTACT INFO CARA PELLATON 312-642-8869 EXT# 330

CONTRACTOR: WESTERN UTILITY
JOB NO# 7382567 / APPL NO# 2009-3592

Street Opening (Curb Lane & Traffic Lane):

Dig #: TBD

OK J MCDONALD

** OK TO RELEASE, PER RAHMAT BEGUM ON 10/19/09 **

Restrictions:

1. A copy of the permit must remain on-site for inspector's review.
2. Permit fees must be paid within 24 hours of the date of issuance. Failure to pay will result in the immediate cancellation of the permit. Monthly billing accounts are not applicable.
3. All directional boring must be pre-approved by the Office of Underground Coordination.
4. Contractor must secure plating over all openings in the roadway during non-working hours until such time when the road surface is restored.
5. All traffic control will be the responsibility of the contractor and must comply with all MUTCD standards.
6. Restore all lanes to normal operation during non-working hours.
7. Must use flagmen and/or arrow boards to maintain traffic operations through the work zone.
8. Contractor must notify DIGGER at 312-744-7000 no less than 48 hours (exclusive of Saturdays, Sundays and Holidays) but no more than 14 calendar days in advance of the start of the excavation or demolition, unless the excavation date was provided with the application and remains unchanged. Prior to 26 calendar days the Contractor must notify DIGGER to renew the dig date!
9. It is the Excavator's responsibility to request refreshing of marks when needed, but no longer than 28 calendar days after the last requested date.
10. When applicable, all excavation areas are to be clearly marked in safety white paint prior to calling DIGGER. White paint is not required for joint meets or emergency work.
11. Excavators requesting dig tickets are responsible for the protection of utility markings at the job site. Any markings of underground utilities utilizing utility colors, must be done by facility owners or authorized agents only.
12. Use of pneumatic equipment must not begin before 8:00 A.M. or continue after 8:00 P.M.
13. Permittee must provide a sign which identifies the telephone number and company or person performing the work. Signage may be affixed to barricades.
14. Permanent base pavement restoration to follow within 5 days after the completion of underground work.
15. All pavements are to be restored in accordance with CDOT Construction Standards.
16. All street openings must be restored with concrete base to grade.
17. Work to be performed as per plans and specifications.
18. Streets recently resurfaced must be restored to proper standards (resurface to nearest 1/4 pt, see CDOT Construction Standards for further details).
19. WARNING: THIS WORKSITE(S) CONTAINS RADIOACTIVE MATERIAL. ANY QUESTIONS PERTAINING TO HANDLING OF MATERIALS, CONTACT THE DEPT. OF

Restrictions:

ENVIRONMENT AT 312-744-3152.

20. No work in or use of the public right of way is to be done when a special event is taking place. It is up to the applicant to determine if an event is scheduled. To obtain a listing of programs or events within the City of Chicago please dial 311 when you are within the City boundaries.
21. It is the responsibility of the applicant to fund Traffic Control Aides if the City deems it necessary due to heavy congestion situations.
22. Pursuit to City Ordinances 10-20-150 and 10-28-281.3 a re-inspection fee of \$100 may be assessed for each inspection conducted after the initial inspection.
23. All metal plates used for public way construction or placed within the right-of-way must indicate Ownership!

Affected CUAN Sites: 7, 15, 20, 21, 22, 24, 28, 29, 31, 34, 38, 53, 61, 65, 86, 141, 147

EFFECTIVE DATES OF PERMIT

Current: Oct 14, 2009 through Nov 14, 2009 (Input date: Oct 14, 2009 10:45:34 a.m.)

END OF PERMIT